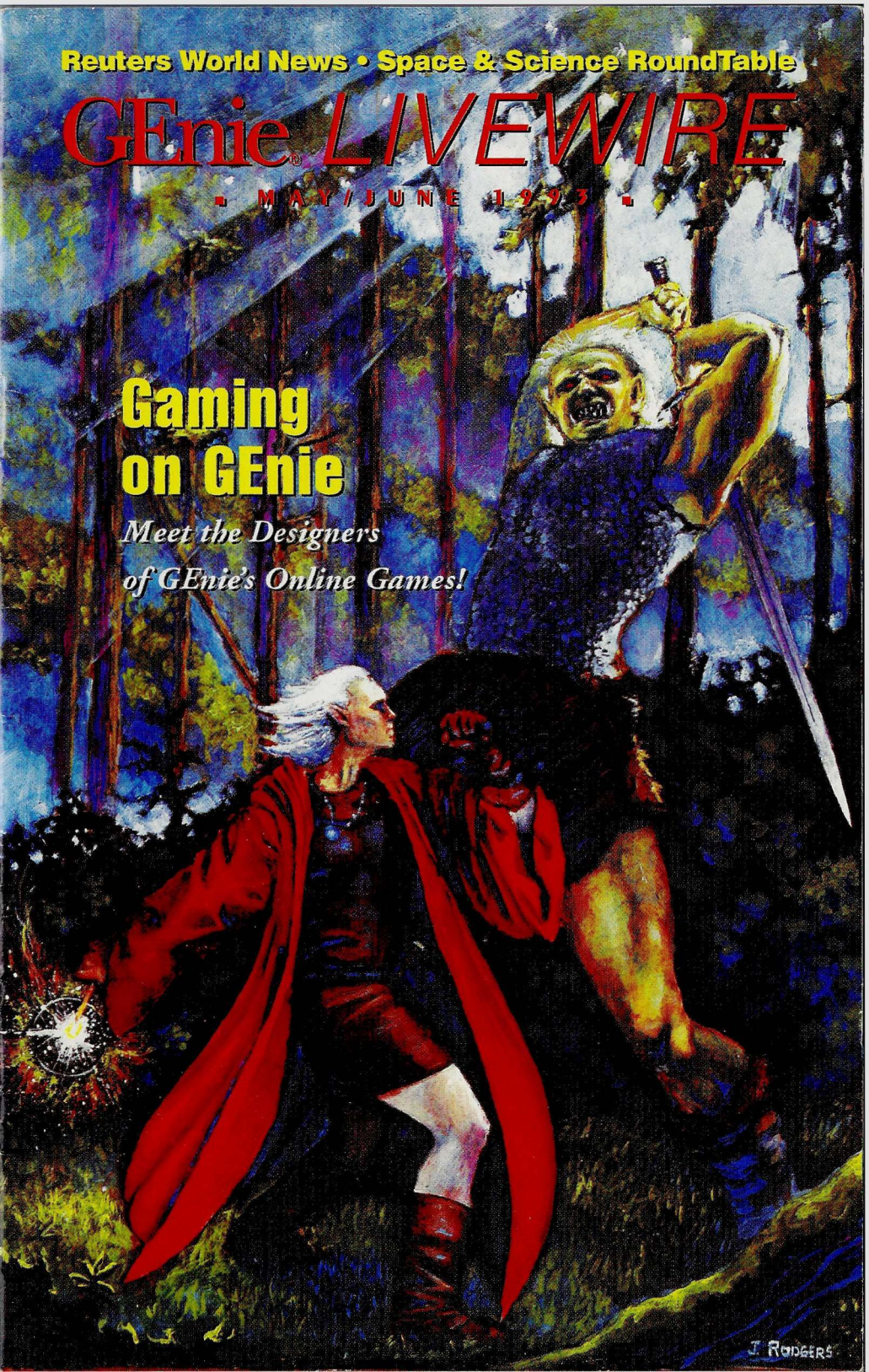
Reuters World News • Space & Science RoundTable

GEnie® LIVEWIRE

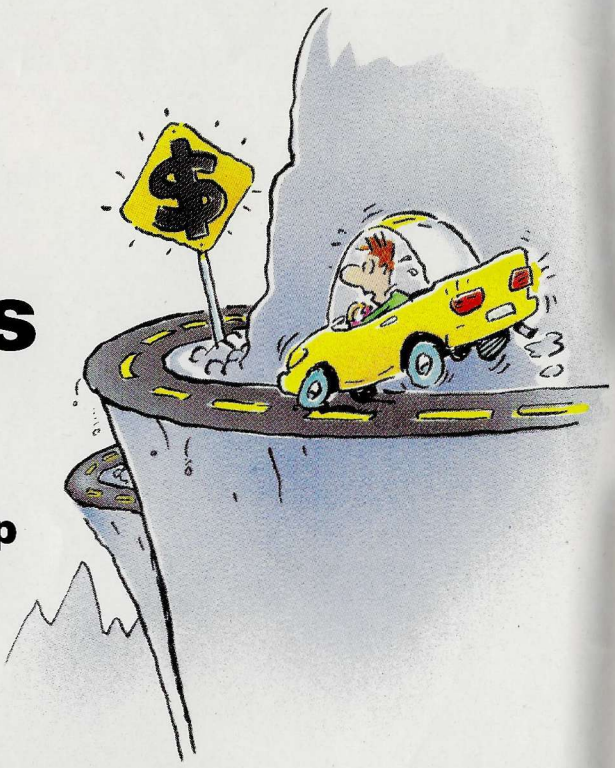
MAY/JUNE 1993



Gaming on GEnie

Meet the Designers of GEnie's Online Games!

Brake for Steep Savings



Steer toward AutoVantage® OnLine and stop rising car costs from reaching their peak.

AutoVantage OnLine is a giant membership-based service that can save you over $500 a year on maintenance and repairs — even thousands on a new car thanks to:

- **Everyday Savings on Service and Repairs** at participating dealers and service centers in your area and nationwide. Access well-known, quality car-care centers easily from the AutoVantage OnLine Service Center Locator.
- **Free New and Used Car Summaries.** All you need to know about buying or selling a car to drive the best bargain. From dealer invoice prices...to recall history, you can learn it all.
- **$50 - $5,000 Off New Car List Prices** on all domestic and most foreign makes at participating dealers, nationwide.*

As a GEnie subscriber, you can "test drive" AutoVantage OnLine for 3 months for just $1**. Sign on to GEnie, enter the keyword **CARS**, or find AutoVantage OnLine on the Shopping Services Menu. Or...call toll free 1-800-843-7777.

Join the biggest — and the best.

* Actual savings may vary depending upon the make and model you choose, and other factors.
** Full terms and conditions can be read online. Normal connect-time fees will be billed by GEnie.
AutoVantage OnLine is a service provided by CUC International Inc.
© 1993, CUC International Inc.

AutoVantage® OnLine

GE3AA3

C O N T E N T S

GEnie LIVEWIRE

■ MAY/JUNE 1993 ■

FEATURES

THE GEnie GAMER
Designing Gamers 3
by Kevin J. McCann

Football and Trivia at Their Best ...8
by Kevin J. McCann

Stellar Operator 9
by Kevin J. McCann

Multi-Player Games RoundTable ..10
by Holly Jahangiri

The 'Spaceport' RoundTable 16
Find fascinating facts
and breathtaking images.
by Holly Jahangiri

View from the Space Shuttle's cargo bay. From SPACERT, file #2007 IMAX.GIF.

IMAX PHOTO COURTESY OF NASA

DEPARTMENTS

FROM THE EDITOR 2

BUSINESS FRONT
Read All About It: No Extra.....12

Profile ARTIST Updated 13

GEnie SPECIAL EVENTS
May/June Calender of Events.....14

ROUNDTABLE NEWS
Beer Drinking, 1993-Style.....19
Bitstream: Just Our Type.....20

FOCUS ON...
IBM PC 22
WINDOWS.....23
MACINTOSH 24
STARSHIP AMIGA 25
ATARI ST 26
APPLE II.....28

SUMMER GAMES

The next time someone looks at you strangely when you talk about going online, drop their chins by mentioning that you get President Clinton's speeches and, in fact, all the White House announcements on GEnie in the Public Forum* NonProfit connection. Then, after you've explained what that is, feel free to validate such shameless name-dropping by typing PF or NPC at any numbered GEnie page prompt. It's a great way to stay "up" on current events.

Speaking of games, what's summer without some fun, and what better use for your personal computer than as a means of having fun with other people? Computing is a solo sport only if you want it to be. GEnie's multi-player games provide adventure and relaxation (not to mention fun) for GEnie gamers from coast to coast, and then some. And GEnie has more variety and better quality games than any other service! Playing is easy with the great point-and-click Front End programs pictured on pages 3 through 9, so join the crowd tonight. From space trading to cyberspace, *this* summer's fun is on GEnie.

Seeya online!

Peggy

Peggy Herrington
Editor

*You can now use the command *UPLOAD to enter long file descriptions in GEnie's Software Libraries! Just remember that the 10-line limit still applies.*

GEnie®

GEnie Client Services 1-800-638-9636

GEnie LiveWire is published six times annually for subscribers to GEnie online services by GE Information Services, 401 N. Washington St., Rockville, MD 20850. Contents may not be reproduced without written permission from the publisher. Inquiries should be sent to GEnie LiveWire, P.O. Box 6413, Rockville, MD 20850, or GEMail Address LIVEWIRE.

LiveWire is produced by Jainschigg Communications, 29-05 Broadway, Astoria, NY 11106, (718) 545-2900. Fax (718) 545-8200. GEMail JCOMMS.

Advertising Sales: Greg Rapport, 108 Morningside Drive, Trenton, NJ 08618, (609) 393-1586. Fax (718) 545-8200.

LiveWire reserves the right to reject or cancel any advertising at any time, and shall not be subject to any liability for its rejection or cancellation. LiveWire reserves the right to require any advertising material to be labeled "advertisement," if deemed necessary.

Editor
PEGGY HERRINGTON

Associate Editor
DONN KING

Contributing Editors
HOLLY JAHANGIRI
KEVIN J. MCCANN

Publisher
NEIL HARRIS

Design
JESUS DIAZ/JAINSCHIGG COMMS.

Cover: JOEL RODGERS

Joining GEnie is easy:
1. Set your communications software to half duplex (local echo) at 300/1200/2400 baud.
2. Dial toll-free 1-800-638-8369 (in Canada dial 1-800-387-8330). Upon CONNECTion, enter HHH.
3. At the U#= prompt type SIGNUP and press RETURN.
4. Have a major credit card account number ready. In the U.S. you may also use your checking account.

©General Electric Company, 1993. Printed in U.S.A.

ILLUSTRATION BY ROBIN EVANS

Designing Gamers

BY KEVIN J. McCANN

Designing a successful multi-player game is no small undertaking. Unlike PC games where you're done when it ships, good multi-player games continue to evolve after people start playing them. Maintenance, bug fixes and design improvements often entail more work than the original programming effort.

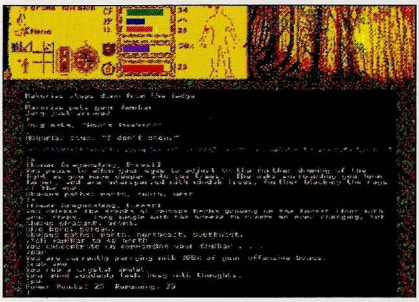
No one knows more about multi-player games than their designers, obviously. With that in mind, we spoke at length with some of GEnie's finest to see how they're handling all this.

Simutronics

David Whatley has been designing games, multi-player and otherwise, as long as he can remember. In 1987, he and Tom Zelinski formed Simutronics. Their mission, then as now, was to create multi-player virtual realities.

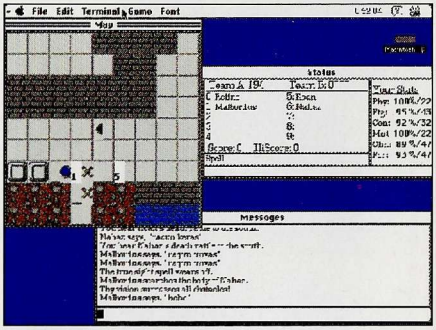
GemStone II, Simutronic's first multi-player role-playing game, debuted about a year later. During its day, GemStone II was wildly successful, setting new standards for online fantasy role-playing endeavors. But its success was moderate compared to that of its successor, GemStone III, Simutronics' constantly expanding, quintessential online fantasy role-playing game. "We have a large staff of developers dedicated to this online virtual reality," says Whatley. "They literally work day and night to keep the world of Kulthea fresh and exciting."

Orb Wars was Simutronics' second



GemStone III Graphical Front End.

offering, and it has proven of great interest to strategists and tacticians. Set in a fantasy environment, players engage in real-time combat with each other by controlling a variety of "wyzards." Although Orb Wars probably has one of GEnie's steeper



Orb Wars Graphical Front End.

learning curves, once mastered it can be an extremely intense experience.

CyberStrike, Simutronics' new multi-player offering, boasts the easiest learning curve of virtually any multi-player game to date. It's a result of researching multi-player environments to determine their relative strengths and weaknesses, and incorporating those findings into the game's design. Of CyberStrike, Whatley says, "It's a fast-paced, graphical experience utilizing modern programming techniques that shortened its development cycle dramatically." You haven't lived until you've commanded a CyberPod.

Kesmai

Kelton Flinn began designing games in college, which was when he conceptualized what would later become Stellar Warrior and Stellar Emperor on GEnie. In 1982, he and John Taylor formed the Kesmai Corporation.

The impressive list of multi-player games Kelton has designed for GEnie includes the original Stellar games, mighty Air Warrior, and MultiPlayer BattleTech. While he feels that his games primarily appeal to simulation

fans, MultiPlayer BattleTech, an adaptation of Activision's MechWarrior PC game, incorporates strong elements of role-playing with combative action. "The multi-player elements of BattleTech," says Kelton, "were inspired by Mike Stackpole's novels of the BattleTech universe."

Air Warrior grew out of Kelton's interest in flight simulation during college, and presented a formidable challenge to get it functioning smoothly in a network environment. "Almost every aspect of Air Warrior was unprecedented and ground-breaking for the kind of equipment on

Air Warrior Graphical Front End.

which it was implemented," he recalls. If you've ever helped fly a bomber whose crew is spread out from Virginia to Hawaii, you'll appreciate the challenge.

Declining to reveal his favorite multi-player game for fear of being accused of favoritism, Kelton says, "Ultimately, Kesmai designs games we ourselves enjoy playing."

AUSI

Mark Jacobs of AUSI was in law school when he discovered that his true calling came from another side

MultiPlayer BattleTech Front End.

of the bar: designing multi-player games, of course. He began programming while writing briefs and, upon graduation, set up his own electronic multi-user gaming system.

Shortly thereafter Mark contracted to bring his multi-player concepts to GEnie. His first venture was Galaxy I, a futuristic multi-player game, while his latest is the popular Dragon's Gate, an extensive fantasy role-playing game that continues to evolve on a daily basis.

"Instrumental to the success of Dragon's Gate has been Darrin Hyrup, my talented collaborator, backed by great support and ideas from Dave Dickinson, the game's inimitable 'Gamester,'" says Mark, who claims that his own ideas come from the backs of cereal boxes. Always responsive to player input, Dragon's Gate management continues to develop the world of Dragon's Gate—where you can become a low-flying dragon or a

Game RoundTables	Keyword	Page
Multi-Player Games	MPGRT	1045
Scorpia's Games	SCORPIA	805
Computer Game Design	JCGD	935
Sports Pool Games	POOL	419
TSR	TSR	125
SoftWare Club	SOFTCLUB	1115

ILLUSTRATION BY ROBIN EVANS

vampire-like creature, and work off frustrations at your leisure.

Federation II

Leave it to the Brits to make a game of commerce. Working for a British telecomm network in 1986, Alan Lenton realized he had grown weary of the "hack 'n' slash" role-playing scene and decided to do something different.

The result was Federation II, a multi-player space trading game. Fed II's premise has always been to release the creativity in people, and the details have come from suggestions by players. With that in mind, Lenton designed a game that allows high-level players to create planets once they reach the rank of Explorer. These planets are extensions to the game which all players—provided they can get there—may enter at will.

Lenton says his biggest challenge in bringing Federation II to GEnie was "the different cultural expectations of the American audience. Things that were perfectly acceptable in the United Kingdom were considered horribly gauche by American players."

Classic Single-Player Games

*GEnie*Basic on Page 803, Keyword CLASSIC.*

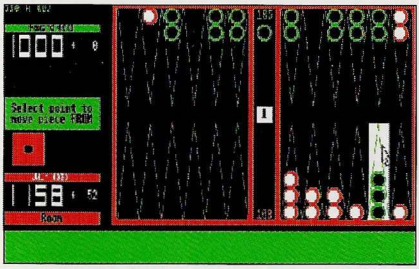
Adventure 550	Castle Quest
Original Adventure	Dor Sageth
Black Dragon	Showbiz Quiz

RSCARDS

John Weaver of RSCARDS started his programming career by doing games and utilities for commercial distribution. His GEnie involvement began as an assistant sysop on a product support RoundTable.

This brought his games to the attention of GEnie management; in particular CARDS, a point-and-click graphic solitaire package John had written for the Sanyo MBC-555 and Atari ST. Someone got the idea of melding his graphics with GEnie interconnectivity to create a Blackjack game you could play side-by-side with other GEnie members on-line at the same time, and John Weaver suddenly became a multi-player games designer.

RSCARDS Blackjack was introduced in 1987, and was followed by a serious series of card and board games that includes backgammon, checkers, poker, reversi, and chess. Of all the multi-player games on GEnie, RSCARDS sports the greatest



RSCARDS Graphical Front End.

number of graphical front end programs; they're available for IBM-compatibles, Macintosh, Amiga, Atari ST, Apple IIGS and the Commodore 128. And, prolific guy that he is, John has even written additional graphical front ends for other multi-player games on GEnie as well!

RSCARDS appeals to a broad range of people. Blackjack attracts a fair number of gamblers wanting to brush up on their "system" before tackling Vegas or Atlantic City. Backgammon and chess tend to attract more serious players (including some of the best in the country at tournament time) while poker and checkers appeal to just about everybody.

John has more classic games planned for RSCARDS, as well as enhancing his existing offerings with such features as sound effects.

What is Success?

As to what makes a multi-player game successful, David Whatley of Simutronics feels one thing is for certain. "Successful multi-player games of the future will be those designs that best exploit the human interactivity that this medium--meaning GEnie--provides."

Games of player conflict will still have a major place in these scenarios, but cooperation is a more rewarding way to interact with other people, and games which emphasize this aspect will find better acceptance. As techniques evolve and the virtual reality grows, multi-player games will prove to be among the best forms of entertainment around.

Multi-player Games	Keyword	Page	Graphical Front-End Programs
Air Warrior	AIR	870	*SVGA, IBM, Mac, Amiga, ST
CyberStrike	CYBERSTRIKE	1380	*IBM (VGA)
Hundred Years War	HYW	945	
Dragon's Gate	DGATE	915	
Federation II	FED	220	IBM
Galaxy I	GALAXY	925	
GemStone III	GS3	930	IBM
MultiPlayer BattleTech	BTECH	1135	*IBM
NTN Trivia	TRIVIA	1031	IBM, Mac, Amiga, ST
Orb Wars	ORBWARS	895	IBM, Mac, Amiga, ST, IIGS
QB1	QB1	1030	IBM, Amiga, ST
RSCARDS	RSCARDS	875	IBM, Mac, Amiga, ST, IIGS, C128
Stellar Emperor	EMPEROR	1085	Windows
Stellar Warrior	WARRIOR	860	IBM, Amiga, ST

* – Graphical front-end program is mandatory to access the game

Football and Trivia at Their Best

■ BY KEVIN J. McCANN

THE IDEA FOR AN INTERACTIVE FOOTBALL game was conceived in the late sixties by Dan Downs, then ticket manager for the Houston Oilers, and Don Klosterman, Oilers' General Manager. They thought it would be fun to wire every seat in the stadium so the spectators could call the plays during the game.

NTN Trivia Graphical Front End.

At the time, the idea was cost prohibitive, and the technology wasn't there. But with the advent of personal computers and satellites, the idea for QB1 began to take shape in the early 1980s, and the first QB1 game was played during the 1983 Super Bowl.

The Reality

QB1 on GEnie lets you predict what the quarterback will do during live football games; whether he'll pass, run or handoff. More complex calls concerning direction and distance can be made, resulting in points if the call was correct. NTN has an exclusive license with the NFL, and both professional and college games are offered.

NTN treats GEnie as one of its network locations, and GEnie players compete with all the other players on the hospitality networks, which include taverns, hotels and restaurants across the USA and Canada—approximately 1,000 locations. NTN has incorporated GEnie's live chat feature, which allows GEnie players to talk during the games, adding a needed social aspect.

QB1 graphic front-end programs are available for IBM-compatibles, Atari ST and Amiga computers. A Macintosh front-end is nearing release. Type QB1 at any numbered GEnie page prompt for details.

NTN Trivia

NTN Trivia players on GEnie seem a bit different from the average, multi-player gamer. Unlike combat-oriented multi-player games, nobody gets killed playing Trivia. Players can also stop by and play a full game in only 20 minutes.

Those who do well in the rankings earn prize points that accumulate each time they play. Points can be cashed in for free time as well as prizes that include apparel, televisions, VCRs, cameras, computer equipment, and more!

In the future, NTN hopes to offer additional games and is interested in introducing Trivia Leagues that will allow trivia teams to compete on a regular basis. Type TRIVIA on GEnie to join the fun!

Stellar Operator

■ BY KEVIN J. McCANN

MICHAEL BISPECK, KESMAI'S MANAGER of InterStellar Operations, has been playing Kesmai's games for years, and has long been a fan of their products. He stayed in touch with Kelton Flinn and John Taylor after meeting them at a live conference.

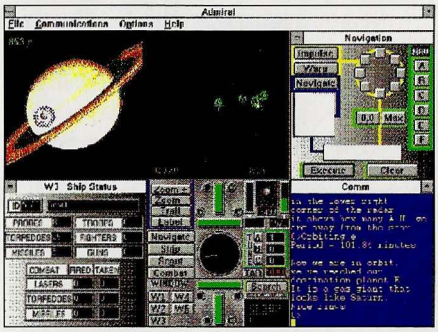
When Air Warrior was brand new, Michael began creating cockpit artwork and his association with Kesmai grew into a professional relationship. At the time he was head of the M.I.S. department for a large Chicago company and was glad to have a chance to work on real games rather than the accounting and sales games he had been programming. He became Manager of InterStellar Operations, specializing in outer space games.

To Rule the Universe

Michael designed the second versions of Stellar Warrior and Stellar Emperor, and created Windows front-end software for Stellar Emperor called "Admiral." His redesign of these games came from experience as a player, as well as insights from the programming team at Kesmai. Suggestions and concerns from players were also taken into account.

Writing the Admiral front-end for Stellar Emperor was a challenge for Michael. He discovered that Windows was not created with game design in mind. The result, however, provides a sophisticated look for a sophisticated game that was hidden behind a simple interface. "Although the game remains complex," he says, "complexity is part of its attraction."

"For the most part, I think Stellar Emperor and Stellar Warrior appeal to strategists and politicians," Michael continues. "These wargames are socially-oriented team competitions so there's a lot of political maneuvering. They are basically games of conquest, and although real-time combat is involved, strategic planning usually wins the war."



Admiral, Stellar Emperor's Windows Front End.

My Favorite Things

Michael says his favorite game in the known universe however is Kesmai's SVGA Air Warrior, not because of the small part he played in creating it, but for the sheer excitement of air-to-air combat.

Air Warrior not only offers the excitement Michael mentions, it redefines possibilities and gives an indication of things to come. But if strategy or politics are in your sights, type EMPEROR or WARRIOR on GEnie. You'll have a stellar time.

Multi-Player Games RoundTable

BY HOLLY JAHANGIRI

TIRED OF PLAYING GAMES WITH YOUR computer? GEnie's multi-player games let you share adventures with GEnie members around the world. The Multi-Player Games RoundTable (MPGRT), sysoped by Scorpia, provides supporting Bulletin Board categories for each of GEnie's exciting multi-player games, from Air Warrior to RSCARDS.

Killer Files

Many of the multi-player games on GEnie have their own software libraries, but in Scorpia's you'll find manuals, maps, archives, player-written stories, artwork, and hints like DGPRUNES.REF (#2491), a comprehensive list of the runes available to each class of players in Dragon's Gate. Other reference files include PCARTSND.HLP (#1582), hints on creating art and sound files for the IBM Air Warrior front-end program; COMMAND4.REF (#2310), which contains about 250 commands used in Federation II; and BTCOM.ZIP (#2397), a list of BattleTech commands that all new players will find helpful.

And BTNOVELS.REF (#2192) lists several BattleTech Novels complete with title, author, publisher and ISBN number. PLANPERF.ZIP (#2440) is a Lotus 2.01-style .WK1 spreadsheet that you can use to calculate airplane performance for use with Air Warrior. Plug in data for your favorite plane to see how well it would do in Air Warrior's aerodynamic environment.

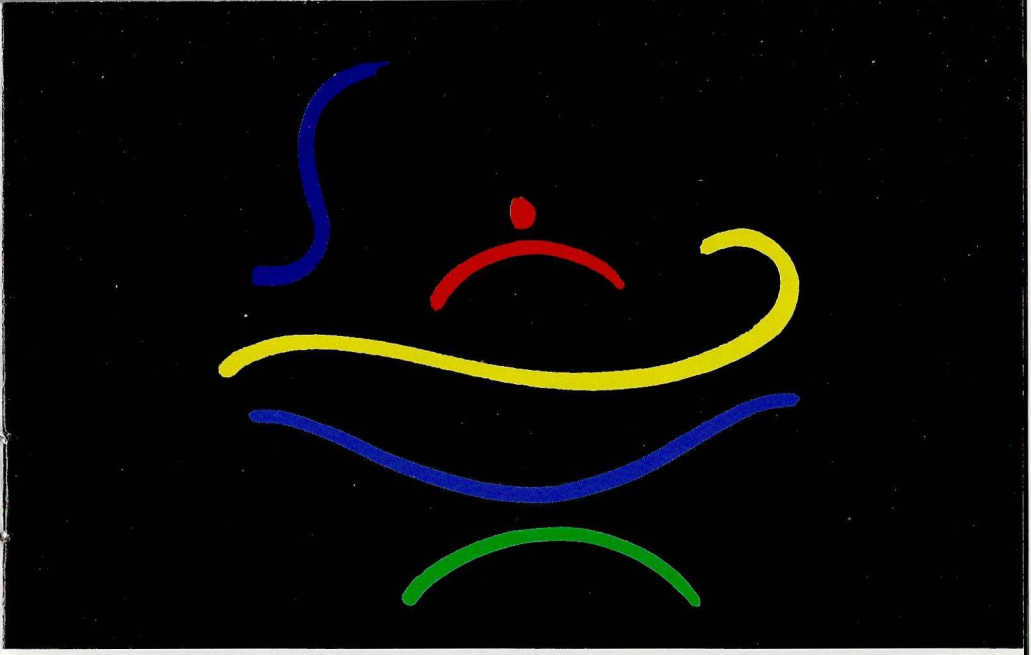
Live Gaming Help

GEnie Gamers gather in regular MPGRT Real-Time Conferences to discuss the finer points of gameplay, get help from seasoned players and game officials, and enjoy spontaneous role-playing fun.

As valuable as the Multi-Player Games RoundTable is to the experienced gamer, it is an essential resource if you have yet to play but want to know more. GEnie gamers are eager to help new users. And RoundTable participation has become an important secondary source of social interaction for many gamers.

Each month the MPGRT honors a GEnie Member who has contributed to the fun with apt postings, Library uploads and Conference visits. Winners are awarded a free month's access to the RoundTable, which includes the Bulletin Board, Libraries and Conference area.

A Dragon's Gate Conference is held each Monday night at 10:30 PM Eastern time, featuring a question-and-answer session with the Elder Gamester Oerlord once a month. Air Warriors exchange tall tales and strategic tips every Thursday at 9:30 PM Eastern. Adventurers from GemStone III gather on Thursdays at 10:00 PM Eastern. Friday nights at 9:30 PM Eastern belong to BattleTech players. Wednesdays are Open House in the Multi-Player Games RoundTable, where you're sure to find lively conversation, no matter what your gaming interest.



Give the gift of GEnie.

Now you can introduce a friend to GEnie and look like a bigshot– without spending big bucks.

For just $25.00, the new subscriber will receive:

- $4.95 subscription fee will be waived for the first month.
- $15.00 usage credit.
- GEnie two-manual User's Guide (a $14.95 value).

This great introductory package is worth $34.90, but for a limited time, it's yours to give for just $25.00.

For another $10.00, we'll throw in a snazzy GEnie T-Shirt. That's a $14.95 Value ($17.95 Canadian).

To give the gift of GEnie, type GENIESTORE at any main menu prompt. But hurry – before this limited-time offer runs out.

(In Canada, this package is priced at $30.00 and includes the $5.95 subscription fee for the first month, an $18.00 usage credit and the two-manual User's Guide - a total value of $40.90).

BY DONN KING

Read all About It: No Extra

HEARD THE LATEST NEWS? YOU CAN GET the latest news on GEnie! GEnie recently changed the information provider for its newswires to Reuters. With internationally known Reuters Information Services updating news 24 hours a day, you can easily keep track of the news of the world at the same speed as news professionals.

New News

At press time, GEnie was still fine-tuning the service. The menus may change as more newswires are added, but the service will provide up-to-the-minute information in at least two areas. The Reuters World Service combines English language general information newswires from Asia, Africa, the Middle East, Europe, South America and North America. The Reuters Business Report compiles the top national and international business news of the day including breaking news stories, features, and domestic and international market analysis.

World at Your Fingertips

Stories from all Reuters newswires are available online for a minimum of three days after receipt. You can access headlines and stories in reverse chronological order or search each newswire by keyword for stories of particular interest to you. If you choose to look at all stories, you can review their headlines in reverse order of receipt (Last in/First out). The date and time of receipt are displayed with the headline list. If you're looking for information about a specific story, choose the keyword search option to look through all available stories from that newswire. GEnie converts the headline and first paragraph of each story into keywords to help you find stories of particular interest. (Words like "the," "and" and "of" are filtered out to streamline your searching.)

New on GEnie!

Reuters World Service and Reuters Business Reports!

Again, the system displays headlines in reverse order with the date and time of receipt noted with each. So there's no problem in capturing any breaking news!

24-Hour Value

Access to news from the Reuters Newswires service is provided as part of GEnie Value services. In other words, you pay only regular connect-time rates; there is no additional charge for accessing news items.

With GEnie and Reuters, you don't have to wait until the newspaper arrives or the television broadcast begins. You can get the news you want, when you want it. Simply type the keyword REUTERS or M344 from any numbered GEnie page prompt.

Profile ARTIST Updated

■ BY DONN KING

THE ARTIST SYSTEM CONTINUES TO evolve to meet the information needs of GEnie members. GEnie recently announced an upgrade to the D&B Company Profiles database, which is of particular interest to business people and professionals.

More Choices

"Many members sent feedback asking how to get only companies with sales data or the top location of big corporations like GE," says Dan Meyer, who oversees ARTIST services.

"Now you can still search the full file of 8 million company locations or get just those companies which include sales data. You can also get just the top locations of the big corporations," says Meyer.

These new options center around a new menu placed between your first entry into D&B Company Profiles (keyword D&BPROFILES, page 1256) and your search. Choose **5.[$]Search D&B U.S. Company Profiles**, and then select **1 Begin your search** at the next menu. So far, no changes. Your next menu should look like the illustration on this page.

This new menu will help you get better results. If you want all locations of a company or the local branch office, use Option 1. If you're primarily after sales data, Option 2 eliminates the branch offices and subsidiaries which don't include sales information. This option also eliminates private companies that provide no sales data.

Option 3 lets you get headquarter locations of large divisions like GE Information Services, while Option 4 gives you only the top location of big corporations. This should help you quickly focus searches to get the exact information you need.

```
D&B U.S. Company Profiles
1 All Company Locations          (more than 8,000,000 companies)
2 Only Locations with Sales Data (more than 6,000,000 companies)
3 Only Headquarter Locations     (more than 630,000 companies)
4 Only Top (Parent) Locations    (more than 270,000 companies)
Your D&B U.S. Company Profiles charges: $0.00
Enter #, <P>revious, <H>elp or <E>xit D&B U.S. Company Profiles?
```

Find Key Accounts

Use D&B Company Profiles to check out new clients, suppliers, and business prospects. Use the power of Company Profiles to find key new accounts for your products and services.

To get acquainted with the menus, take advantage of the Training Area for D&B Company Profiles. The D&B Training Area comprises only about 18,000 of the records from the fall 1985 version of D&B Dun's Market Identifiers® so you probably won't find what you're after, but you only pay connect-time charges plus reduced search rates.

D&B Company Profiles is a GEnie$Professional service, so check the opening menu for current rates.

GEnie Special Events

Enter the keyword (shown in boldfaced capital letters, for example, **PCALADDIN**) at any numbered GEnie page prompt to reach the RoundTable hosting these Special Events. Topics are subject to change without notice.

MAY through JUNE

Eastern Time	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00 PM	**SFRT1** **BORLAND** **SCORPIA** Sierra Hints	**MAC** Help: Chat Ch3 8-10PM **PK**:Poker Hints	**MAC** Help: Chat Ch3 8-10PM	**MAC** Help: Chat Ch3 8-10PM	**MAC** Help: Chat Ch3 8-10PM	**MAC** Help: Chat Ch3 8-10PM **AMIGA** 5-Min News	**AMIGA** 5-Minute News 3PM-3AM
8:30 PM	**GEOWORKS**		**ENABLE**				
9:00 PM	**RADIO** Listening **PF** Current Events **SPACE** **MAC**:Fights **AMIGA** HelpDesk **FAMILY** **ST** Help Desk	**SHOWBIZ** Live Chat **GENEALOGY** Beginners **ROMANCE** Research help **AMIGA** HelpDesk **GERMANY**	**AMIGA** HelpDesk **FAMILY** Mothers	**MILITARY** General **FAMILY** Teens **AMIGA** HelpDesk **DBMS** **ROMANCE** Aspiring Writers **TRAVELRT**	**PCALADDIN** Automate **INVEST** Q&As **WRITERS** **ROMANCE** Workshops **AMIGA** HelpDesk	**AMIGA** HelpDesk	**ASTROLOGY** **GENIEUS** GEnieJAM! **AMIGA** HelpDesk **SFRT** Force **MAC** Help: 9-11PM
9:30 PM	**IBMPC** General **A2** II Speak **SFRT3** FW-Pern **WRITERS** All Types **AMIGA** 5-Minute News 3PM-3AM	**A2** New Users **AUTO** CarTC **WINDOWS** Help **MAC** Education	**IBMPC** Comms **A2**:Guest **SFRT1** Writers **ERT**:Parents &HomeSchool **DTP** **LAPTOPS** **WINDOWS** **GERMANY** Travel	**IBMPC** OpSystems **A2**:Hypermedia **AMIALADDIN** **SCORPIA** Ask Sysops **ERT**:Education **MPGRT** Wed. Madness **WRITERS** Non-Fiction **WINDOWS**	**SCORPIA** Open House **A2**:TBC Forum **STALADDIN** **MPGRT** Air Warrior **WINDOWS** General **SFRT1** Alt.History **WP**:WordPerfect	**A2** Telecom **AMIGA** 5-Minute News 6PM-3AM **MPGRT** BattleTech **WINDOWS** **SFRT3** Queen's Own	**A2** Small Biz **RADIO** Listening
10:00 PM	**AMIGA** Graphics **FORTH** **SFRT3**:SCA **FOOD** Cooks Chat **MOTO**rcycles **HOSB** **HOME** Purpleberry **CBM** **MAC** Help: 10-12PM **PCALADDIN** Help: 10-12PM	**FLORIDA** Orlando **AMIGA** DTP **ST**: Atari DTP **SFRT2** Star Trek **MPGRT** Dragon's Gate **CBM** **UNIX** NeXT **PCALADDIN** Help:10-12PM	**AMIGA** Music **WRITERS** Poetry **CBM** **HOME** Open House **MOTO**rcycles **MAC** Hypercard **PCALADDIN** Help: 10-12PM	**HOME** Moose Manor **AMIGA** AmiGames **ST**: Atari Open House **GERMANY** **CBM** **PRO/AM**(iga) **GEOWORKS** **SFRT2** On Screen **SFRT3** Star Wars **GENEALOGY** History **PCALADDIN** Help: 10-12PM	**AMIGA** Video **GERMANY** **AVIATION** **MPGRT** Gemstone III **CANADA** **SFRT2** Quantum Leap **FOOD** **FAMILY**:Singles **CBM** **UNIX** Internet Help (Chat Ch. 4) **PCALADDIN** Help: 10-12PM	**ASTROLOGY** Beginners **SFRT1** General **GENEALOGY** **HOME** Q-Hut **CBM** **PCALADDIN** Help: 10-12PM **BITSTREAM**	**AMIGA** Party **MOTO**rcycles **CBM** **FOOD** Beer Tasting **HOME** Parlor Games **LEFTCOAST** **PCALADDIN** Help: 10-12PM
10:30 PM		**SFRT1** Horror **MAC** **MPGRT** Dragon's Gate	**MAC** Powerbooks	**JAPAN** **MAC** Games	**MAC** Typography		
11:00 PM	**CBM**	**MAC** Help:11PM-1AM	**SCORPIA** Star Fleet **MAC** Help:11PM-1AM	**CBM** **MAC** Help:11PM-1AM	**PHOTO** General **MAC** Help:11PM-1AM	**MUSIC** Night-Owls **MAC** Help: 11PM-1AM	**CBM**
Midnight		**LEFTCOAST** Midnight PT			**ASTROLOGY** Mystic		

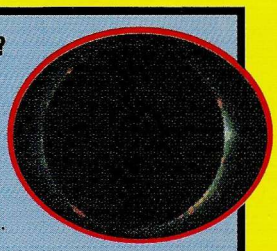
Chat Lines hosts a delightful variety of multi-player Games and fascinating Theme Chats on weekends, week day evenings and during the wee hours, plus Breakfast Chats at 6AM Eastern time. Schedule on GEnie Page 400.

Beer Tasting on Food & Wine RoundTable

Food & Wine RoundTable members will sip their special homebrew of GEnie beer in a Real-Time Conference on June 5 at 10PM Eastern time. Join the fun by typing FOOD at any numbered GEnie page prompt.

Do Solar Flares Contribute to Earthquakes?

Find out from the National Geophysical Data Center in the Space & Science RoundTable's Real-Time Conference at 9PM Eastern Time on May 30th. On June 6th, learn how you can transform your computer into a receiving station for satellite images. See page 18 for details. Conferences at 9PM Eastern Time, type SPACERT.



BY HOLLY JAHANGIRI

The 'Spaceport' RoundTable

GENIE'S SPACE & SCIENCE INFORMATION Center on page 461 provides a central point of access to scientific and technical reference products including Daily Weather Maps, the Planetary Report KnowledgeBase, Grolier's Academic American Encyclopedia, The GEnie Reference Center, and The GEnie Bookshelf.

Updated each evening, Daily Weather Maps include U.S. forecast, temperature and weather front maps, satellite pictures, U.S. and World weather highlights, and Atlantic and Pacific hurricane tracking maps. (Type GIF for a list of maps you can download at the KnowledgeBase Search database Query prompt.) The Planetary Report KnowledgeBase is an essential research tool, with articles and information on a broad range of astronomical and geophysical subjects.

GEnie's Spaceport

The "Spaceport" Space & Science RoundTable on page 460 (keyword SPACERT), the heart of this endeavor, was conceived in 1985 by National Space Society member Bill Dale as a place where people interested in space exploration and activism could meet electronically. He was joined in 1986 by Dave Zimmerman, member of the National Space Society, Planetary Society, the American Association for the Advancement of Science, and the National Academy of Science. Together they built the Spaceport RoundTable into an exciting forum for space and astronomy hobbyists.

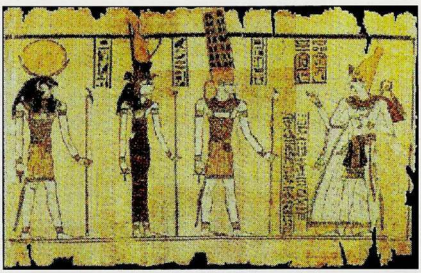
In 1991, Dave, who is now in charge of the Spaceport, expanded its role to other science-related topics. The Bulletin Board, available on GEnie*Basic services, contains lively discussions on a wide range of topics including aerospace, astronomy, science and technology, environmental issues, unexplained phenomena, climate and weather.

A Library of Space

Spaceport Libraries hold loads of fun and educational programs, informative texts, and breath-taking images like those shown on these pages.

Interested in the weather? See if you can outguess the pros! With WEATHERPRO.ZIP (#2758), Version 2.3A of Weather Pro, and data provided by a weather data source (such as The Science Information Center at page 461, DUAT, AccuData, or Weathermation), you can track weather systems across the country in high-resolution color graphics! Or use

On page 16: All that glitters is depicted in this photo from the Spaceport Library, file #2002 GOLD.GIF. Below: Asteroid Gaspra portrayed in a photo from NASA/JPL. In Spaceport Library, file #2233 GASPRA2C.GIF.



BRITISH MUSEUM

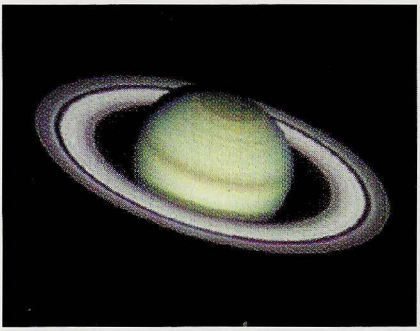
Egyptian art from Spaceport Library, file #2004 RAMSES.GIF.

STORM6.ZIP (#2814) to predict the position of hurricanes in the Atlantic and Eastern Pacific Oceans.

Astronomy enthusiasts will enjoy the demo version of Dance of the Planets Version 2.5 (#2217 DANCE25.ZIP), a dynamic, interactive solar system program featuring orbital simulations, eclipses, comets, asteroids, and planetary rotation.

Designed for hobby and educational use, "Mineral Mastery" (#1814 ROCKS1.ZIP, #1815 ROCKS2.ZIP, and #1816 ROCKS3.ZIP) lets you browse an extensive mineral data base and identify over 200 minerals by entering their physical attributes.

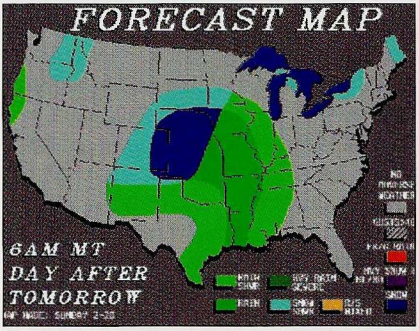
WORLD192.ZIP (#2813) contains the 1992 edition of the CIA World Fact book, a collection of detailed reports on nearly every country and territory in the world. Download STP21.ZIP (#1821) for an educational approach to explaining Global Warming and Ozone Depletion, complete with graphics, text and maps. It includes voting records and a handy word processor for writing letters to Congressional Representatives. You'll also find tips on energy saving, recycling and green investing. Let Spaceport and GEnie be your guides to save planet Earth.



Not a scan, this image is composed of data from the Hubble Telescope. File #1982 SATURN3.GIF, in SPACERT.

Fascinating Conferences

Do solar flares contribute to earthquakes? Find out during the Spaceport's Real-Time Conference on May 30, when their guest will be Lowell Whiteside of the Solid Earth Division of the National Geophysical Data Center. On June 6, Geoff Chester, production manager of the National Air and Space Museum's Albert Einstein Planetarium, shares tips on transforming your computer into a receiving station for satellite images. Do low-frequency electromagnetic fields cause cancer or other health problems? On June 27, talk with John Moulder, physicist at the Medical College of Wisconsin, about what the latest studies really mean. Unless otherwise noted, Conferences begin at 9:00 PM Eastern time. Transcripts of previous Conferences are available in the Space & Science RoundTable Library.



Daily weather maps (and satellite views) available from WeatherBank.

Astral Images

The Space & Science RoundTable Libraries also have unique, colorful images, some of them straight from NASA! Photos definitely worth a look include TOUTATIS.GIF (#2741), a too-close-for comfort view of the asteroid that recently came within a quarter of a million kilometers of Earth; GASPRA2C.GIF (#2233); a vivid close-up of the asteroid Gaspra, and WRT001.GIF (#2800), a crisp image of the Horsehead Nebula in Orion. Space shuttle fans will love IMAX.GIF (#2007), a wide-angle view of the shuttle's payload bay. RAMSES.GIF (#2004) shows a detail of a magnificent example of ancient Egyptian art. For a "24-carat picture," grab GOLD.GIF (#2002). Be sure to add some of these stunning photos to your collection.

Orion's Horse Nebula from Spaceport Library, file #2800 WRT001.GIF.

Beer Drinking, 1993-Style

■ BY GAIL BEATROUS

IT HAD TO HAPPEN. STOPPING OFF AFTER work for a few brews with friends has taken a 90's twist on GEnie's Food & Wine RoundTable!

Happy Hour

It all started when beer lovers began meeting in Real-Time Conference to sip a few and discuss their merits. Structure was called into being, and the first formal Online Beer-Tasting came into existence!

In the current incarnation of these Beer-Tastings, a particular style of beer is chosen as the theme for the evening, and members taste and discuss examples of it. This gathering of BeerLovers has come to be a regular Saturday night event.

A logical expansion of these BeerTastings is our Homebrew Tasting, where the GEnie HomeBrewers use the same beer recipe and meet online to discuss the results. These Conferences are fun, but HomeBrewers are a curious lot. They decided that it would be even more fun to taste one another's brews. Thus, our Beer Swaps were born!

GEnie Beer Swaps

Hosted by Tim Tillman, GEnie Beer Swaps are a popular event with HomeBrewers. Brewers are randomly assigned a couple of partners with whom they swap their best homebrews. They then meet in conference to sample them! Our next Beer Swap Conference is set for June 12 at 10:00 PM Eastern time.

ART BY MICHAEL KELLER

Overindulgence, or computer-video multimedia image synthesis? Big Blue meets dark ale, BeerLover-style.

The latest stage in the evolution of the GEnie HomeBrewers is the creation of a GEnie Beer. The recipe was a group effort, with many voices adding their experience to the formula. The Brewers are brewing the recipe and will be meeting to sample it on June 5, at 10:00 PM Eastern.

Bottoms Up!

Why not join us? The Food & Wine Bulletin Board is part of GEnie*Basic services and can be accessed by typing *FOOD. You'll find Beer Category 8 is ably led by GOODTIME Bob. Our weekly Beer-Tasting Conferences start at 10:00 PM Eastern each Saturday night, and are hosted by GARLIC.QUEEN and GOODTIME Bob. Join us and hoist a few with the GEnie HomeBrewers. You'll have a blast!

Bitstream: Just Our Type

■ BY DONN KING

MORE AND MORE COMPUTER OWNERS are using laser printers as prices continue to drop. And now GEnie members can tap into one of the leading products for getting the most from these printers. Bitstream recently opened a new support RoundTable on GEnie page 1375, keyword BITSTREAM.

Headquartered in Cambridge, Mass., Bitstream Inc. is an industry leader in typographic quality and innovative printing technology. They license type and related software to more than 500 Original Equipment Manufacturers (OEMs) worldwide. The company's line of end-user products for Macintosh and IBM-compatibles is distributed in the United States and 18 nations around the world. According to company literature, "Bitstream is committed to providing powerful and comprehensive solutions to the PC and Macintosh platforms."

A Type of Face Lift

Bitstream provides a variety of products for use directly with laser and dot matrix printers, or through specific software packages such as WordPerfect. If you're considering adding a laser printer to your setup, or you want to upgrade yours for better output, you can get answers to your questions through their RoundTable.

The Bulletin Board offers a variety of Categories and Topics for your support. It includes a category for welcoming members, purposely designed as a catch-all for topics not related to specific Bitstream products; product-related categories, including TrueType Fonts (IBM and Mac), PostScript Type 1 Fonts (IBM and Mac), Type Collections on CD-ROM (Mac), FaceLift (IBM), Fontware (IBM), MakeUp (IBM), MOSAIC (a print management system for Novell NetWare); a category dedicated to discussions regarding Bitstream-related font technologies and any other non-product-specific topics; a category dedicated to Bitstream New Product Announcements; and the Bitstream After-Hours Lounge which is "not dedicated to anything in particular. Especially nothing very serious."

Since this is a computer-related RoundTable, it is a GEnie Value Service, meaning the Bulletin Board is charged at regular connect-time rates.

Library Saves Faces

Dick Flanagan, one of the sysops (who is joined by Lori Waibel for technical support, and Melissa Flanagan), says plans include an extensive Software Library, making available text files of product announcements, product documentation, utility programs, program fixes, fonts, typeface collections, and private libraries available to OEM clients and Bitstream's beta testers.

Live Real-Time Conferences are held each Friday evening at 10:00 PM Eastern time. Check out the Bitstream RoundTable to give your documents a typeface lift.

Who says you can't put a price tag on friendship?

You've always heard that friends are priceless, right? Wrong.

Introducing the GEnie Buddy Bonus program. For every new GEnie member you sponsor, you'll get a $10 Buddy Bonus in your GEnie account.

And to prove that life really is a popularity contest, the people who sign up the most new members between July 1, 1993 and August 31, 1993, will win special Buddy Bonus prizes: GEnie jackets, T-shirts and mugs. For complete signup instructions and restrictions, type *BUDDY at any main menu prompt.

So grab your address book and start calling your buddies. After all the happiness they've given you, it only seems fair to return the favor by introducing them to the world of GEnie.

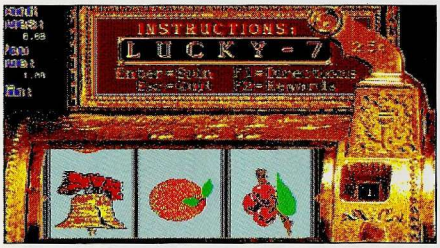
And whether or not you tell them about the ten bucks you're making, well, that's up to you.

IBM PC RoundTable

■ BY KEVIN J. McCANN ■

WHETHER IT'S GETTING TO THE STORE, the cost, or the gamble you take on a new game, the IBM PC RoundTable virtually eliminates the risk of being stuck with a game you don't like.

Hundreds of commercial quality games are in IBM PC Library 7,



Casino fun from Lucky-7 Jackpot, file #30648 LUCKY-7.ZIP.

ready and waiting for you to download. They're predominantly shareware, so you can test drive them before shelling out your hard-earned cash.

Shooters to Logic

One of the most popular shareware titles is Apogee's Wolfenstein 3-D (#31001 1WOLF14.ZIP). With 3-D VGA scrolling graphics, great sounds and playability, Wolfenstein 3-D is better than many commercial games. You're a prisoner trying to escape a German dungeon in WWII, and along the way you pick up better weapons—right up to the showdown with the big, bad leader.

Wolfenstein has inspired other shareware titles including Catacomb's Abyss (#31173 CATABS13.ZIP) and Ken's Lab (#31470 LAB3D.ZIP). Catacomb's Abyss pits you as a wizard against hordes of creatures as you try to defeat the meanest (but not the leanest) demon of them all. In Ken's Lab, you're in a maze fighting aliens to test the human race; if you escape, Earth is saved, if you don't, it's history. Nothing like a little incentive to bring out your champion streak.

Shooters to Logic

Apogee also offers educational games like Math Rescue (#30766 1MATH.ZIP)—which, if you're leery of this genre, could change your mind. If you enjoy shooters check out Galactix (#31031 GALAC13A.ZIP) a VGA space-invader type game; Starfire (#30943 STARFIRE.ZIP); Stellar Defense (#31846 SD11.ZIP); or Major Stryker (#31933 1MAJR13.ZIP). You'll also find great logic games like Robix (#30969 ROBIX.ZIP); Alpha Man (#30508 ALPHA.ZIP); and Mice Men (#31168 MICEMEN.ZIP); as well as traditional fun like Hearts (#30748 HEARTS65.ZIP) and Yahtzee (#31154 YAHTZEE.ZIP).

Honor System

Shareware is honor-based; if you like a game, pay its designer. If you don't, delete and forget it. By being honest, you encourage future shareware titles, which cost less than if they were commercial. Best of all, you can try before you buy, and never leave home to shop.

Windows RoundTable

■ BY HOLLY JAHANGIRI ■

WINDOWS WATCHERS HAVE THEIR EYES on Windows NT this month. "Windows NT caps the Windows software family as a fully 32-bit operating system," says Richard Dill, Group Manager of Windows NT Network Test Group. "As a member of the Windows family, Windows NT fully supports existing Windows and MS-DOS applications, and adds support for 32-bit Windows applications. It also supports OS/2 16-bit character-based applications, POSIX 1003.1 compliant applications and all the peer-to-peer networking facilities included in Windows for Workgroups." Learn more about this hot new product in our Conference with Richard Dill on June 13 at 9:30 PM Eastern time.

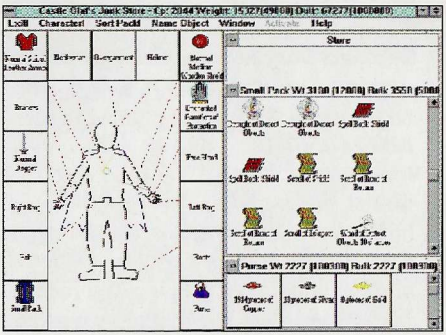
Games and Utilities

If you thought Chomp was good, Ms. Chomp (#597 MSCHOMP.ZIP) will knock your socks off! Features include sound support for Windows 3.1, adjustable speed, and seven levels with increasingly smarter ghosts. Castle of the Winds (#822 $CASTLE.ZIP) provides hours of role-playing fun with a graphical interface.

If regular Chess doesn't offer enough challenge, try your hand at Photon Chess (#565 PHOTON.ZIP). Traditional Chess pieces are replaced by laser guns, beam splitters, mirrors and randomizers, and the sound effects are a blast!

WinZip 4.0 (#778 WINZIP40.ZIP) delivers convenient access to ARC, ZIP and LZH archives from Windows. Its intuitive point & click interface lets you view, run, extract, add, delete, test, and scan files for viruses. File Dialog Extensions (#789 WDLGEX.ZIP) adds DIR, rename, delete, and info buttons to dialogs using COMMDLG.DLL.

The Windows Office Power Pack (#829 WOPRA.EXE and #830 WOPRB.EXE) is a *must* if you use Word for Windows, featuring an enhanced envelope printer, toolbar editor, word counter, and more.



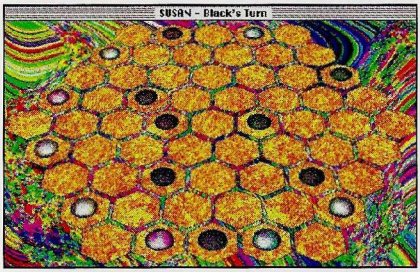
Inventory screen from Castle of the Winds, file #822 $CASTLE.ZIP.

Windows Help is a powerful hypertext and graphics tool for electronic publishers. Creative examples include "Whole Notes: Writings by Young People" (#771 WHOL2_1.ZIP) and Electrified Visual Basic Magazine (search WELSH). The Windows RoundTable publishes a Help format newsletter (search WIN93) with news, hints, shareware reviews, graphics, photos, and more.

Macintosh RoundTable

■ BY STEPHEN KAHN ■

"GAMES AND COMPUTERS HAVE ALWAYS been synonymous," says Bart Farkas, Mac RoundTable Games Category Leader. "Of course, games aren't the reason we have computers, but just about everyone who has used a computer has seen a cool game that made him or her exclaim, 'Wow!'"



Addictive "neural network learning" board game, SUSAN, available in files #25674-25677.

Between his work as an Intensive Care Unit nurse in Calgary, Alberta, and his hobbies of playing and recording music in his home studio, writing, and following Canadian football, Bart's a busy fellow, but he still finds time to keep up with the latest and greatest in Macintosh games. You'll find him sharing information in the Mac Games Bulletin Board Category and Games Conferences every Wednesday night.

Bart's Conferences feature many "name" guests. "We have had many guests from all areas of gaming from shareware to CD-ROM companies. I average one guest about every two or three conferences. People can come and talk with the guys that actually wrote Spaceship Warlock, or Patton Strikes Back, or Maelstrom. They can ask all the questions they want and tell the authors personally that the game is great or offer suggestions for improvement. And the game authors love it!"

Beating the Gamer's Blues

It's probably illegal to have as much fun as Mac owners do when they get down to serious game playing, but even so, sooner or later you'll be struck by the Mac Gamer's Blues—your favorite game crashing constantly, getting stuck in an adventure game, or spending your hard-earned money on a lemon.

Head off the Mac Gamer's Blues with regular visits to the Mac RoundTable. The wealth of experience and generosity of sharing among members provide a profusion of solutions to problems, tips for improving your gaming skills, and reviews of new games to help you separate duds from hits.

When the budget's low but your craving for a new game is high, don't forget to scan through the abundance of freeware and shareware games in Mac Software Games Library 2. You're sure to find just the thing.

On the Spot Help

Advice on all aspects of using your Mac is available every night in live Real-Time Conferences. MacHelp is available regularly in Chat Lines too.

StarShip Amiga RoundTable

■ BY JIM MEYER ■

Computers are wonderful tools, powerful number-crunchers that let us whiz through spreadsheets, compose complex documents and... Oh, who am I kidding? Computers are perfect for games!

But which game? You say you need to maintain an intellectual air, something that justifies your expensive equipment? Say no more! Check out UCHESS217.LHA (#18484). UChess is an Amiga version of GnuChess 4, a powerful Unix chess program that has been optimized for accelerated machines. It requires AmigaDOS 2.04+, runs only on 68020-based machines or higher, and supports the new AGA chipset.

This is no mere chess game. UChess has a US Chess Federation ranking of around 2200, so it's more than capable of standing up to what it calls a "puny human." If you prefer watching, use the Autoplay option to make the computer play itself; you can even watch it think. Gameplay takes place on a marble chess board, using hand-crafted pieces. One warning: You need 8.5 megs of free memory for the 68040 version, while the 68030 version requires 4 megs.

68000 Action

If UChess makes you think your computer is alive, you'll be convinced when you see Laboratory of Life (#18313 LABOFLIFE.LHA) from Accursed Toys–a fiendishly updated version of the game of Life. Jennifer Reitz and Stephen Lepisto, both *StarShip* favorites, have brought their talents to bear on this computer classic. Stephen's programming talents give it blinding speed, while Jennifer's amusingly twisted graphics provide everything from smiley creatures to demented tomatoes. Stop by Category 30 (Accursed Toys Online) and let the authors know what you think!

For diversion, try Oxyd (#18457 OXYD.LZH). This fast-paced-action-puzzle-arcade game, first written up in our 5-minute Weekend News, is

Checkmate! AGA action in UChess, file #18484 UCHESS217.LHA.

Dongleware. You'll have no trouble with the first 10 levels, but the "secret magic formulas" for the next 190 levels are only available in the Oxyd Book, which you can order from the publisher.

More games are uploaded to the *StarShip* each week. Tune into our AmiGames Conference on Wednesdays at 10PM Eastern time for the latest picks and hits.

Atari ST RoundTable

■ BY D.A. BRUMLEVE ■

EVEN THE MOST SERIOUS OF COMPUTER owners enjoys an occasional game, and the ST RoundTable has plenty of choices to fill that need. Game programs, hints, maps, scenarios, and related files can be downloaded from Library 8. Demos of commercial

Drachen lets you match Chinese tiles, file #25042 ECLRDRAC.LZH.

games (and other applications) can be found in Library 10. On the Bulletin Board, you'll find general discussion and support topics for ST games in Category 9. Explicit hints are available in a private Category; if a game has you stumped, send feedback to the sysops for access. Games for the Atari Lynx are also supported in ST Bulletin Board Category 36.

Some great games have been featured as recent "Darlah's Treats" for free downloading. Even if you missed them as Treats, you'll enjoy CYBRDEMO.LZH (#27409), OXYDMONO.LZH (#26743), OXYDCOLR.LZH (#26740), and MIDIBATL.LZH (#26549), now available in the Libraries.

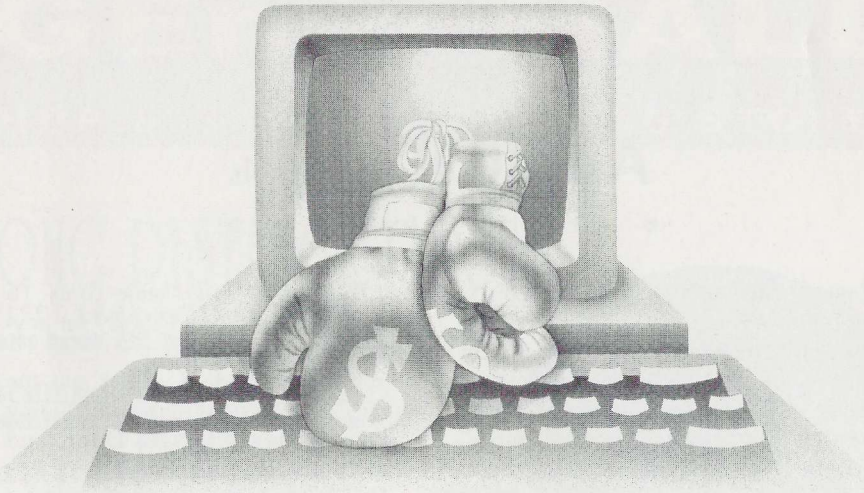
Dave Munsie has uploaded a series of arcade games created with the GP_Graphics Engine. Joystick addicts will enjoy MEGAPEDE.LZH (#27013), EVADER.LZH (#27012), and KID_GP.LZH (#27011), for children). The old standby PacMan has been updated, expanded, and enhanced in MRSMUNCH.LZH (#26338). Rod Martin offers a shareware demo of his Tetris-like arcade game in LUNACY31.LZH (#21148).

More cerebral challenge is offered by a variety of Mah-Jong clones. My personal favorite is Drachen, a shareware program from Germany; the latest available English-language versions are the color ECLRDRAC.LZH (#25042), translation by member Steve Johnson), and the monochrome DRACHEN2.ARC (#11230). Josh Snyder of Cali Co. was inspired by Drachen to create a multi-featured commercial version of Mah Jongh. A playable demo can be found in MJ30DEMO.LZH (#26614).

Special Events!

Look for special contests this spring. The RoundTable is sponsoring both an upload contest and a "most helpful member" contest; prizes will include free time online!

The Dateline: Atari! Real-Time Conference, typically held on the first Friday of each month at 10:00PM Eastern, provides an opportunity to get the latest developments at Atari from "the horse's mouth." Join us this month—and bring your questions!



Price Fighter

Knock Down High Prices Today...Online.

Punch up your buying power and save 24 hours a day when you shop online with Comp-u-store® — one of the nation's largest discount shopping services.

Enter our shopping arena right now, and you can access **over 250,000** popular household and personal items...compare costs and features...and save precious time as well as money, now that you won't have to shop all over town to find a sale.

You'll be able to knock down the manufacturer's suggested list price **10%-50%**...on everything from audio equipment and appliances...to jewelry and tools. Champion manufacturers are in center ring, such as Maytag, Panasonic, GE, Black & Decker, and Nintendo. But no fellow shoppers or pushy salespeople to contend with.

So come out of your corner and fight today's rising retail costs. Turn your P.C. into a price fighter and shop from the comfort of your own home or office. Just punch in **CUS,** or find us on the Shopping Services menu. Or call us at **1-800-843-7777.***

Select "Shop as a Non-Member" and you can catch a round of member prices vs. non-member prices. When you compare the two and see how much membership can knock down prices even more, you'll want to sample our 3 months of heavyweight savings for just $1.

Then we'll help you win your price match with our **Low Price Guarantee**. Spar somewhere else and find a lower price — we'll refund the difference!** Plus, once you become a member, we'll add to your winning streak **two full years** of automatic warranty coverage — Free.**

Comp-u-store guarantees to knock *you* out with variety, value, and convenience. Shop 7 days a week, whenever you need a few bouts of great buys. How about right now?

Introductory Offer: 3 Months For $1

* Hours: Monday - Friday, 9 a.m. - 11 p.m.; Saturday and Sunday, 9 a.m. - 6 p.m. (ET).

** Conditions of our Low Price Guarantee and Automatic Two-Year Warranty Protection can be read online.

Comp-u-store is a service provided by CUC International Inc., and may modify and improve any aspect of the service without any prior notice.

© 1993, CUC International Inc.

comp-u-store® OnLine

GE4ASI

Apple II RoundTable

■ BY LUNI E'VI ■

EARLIER THIS YEAR, A2 CELEBRATED ITS 20,000th upload, giving away thousands of dollars worth of prizes to dozens of lucky RoundTable members! A2 is well on its way now to the next 20,000 uploads. And, of course, among all those files, we've got some great games.

Great, two-player fun from A2 RoundTable, file #20298 DUELTRIS.BXY.

A recent notable arrival to our Libraries is DuelTris (#20298 DUELTRIS.BXY), by DreamWorld Software. This quality game is for one or two players, and features incredible graphics, music, and sound.

The Lost Classics Project, headed by Tim Tobin, started off with a bang by getting one of the big names from the Apple II past, Paul Lutus, to release all of his former commercial software as FreeWare. Now, Lost Classics has another—Bill Budge! By the time you read this, we'll have all the following formerly commercial Bill Budge games in the A2 Libraries: Raster Blaster, Space Album, Tranquility Base, Trilogy of Games, and Bill Budge's 3-D Game Tools. To find them, search the Library on keyword LOST CLASSICS.

While you're at it, check out the other Lost Classic programs including Apple Writer, Electric Duet, and GraFORTH by Paul Lutus.

Here's some of the best of our most recent game uploads:

20298 DUELTRIS.BXY V1.0S
2-player game w/ great graphics and sound.

•20284 STFC.UPDATE.BXY
Bug fix for Star Trek: First Contact.

20123 ANT.WARS.BXY
Red vs. black ants! You control the red.

19968 CASTLE.ARMS.BXY V2.0
Improved Castle Artillery Duel Game.

19761 SOLARIANGS.BXY V1.0.1
Galaxian-style arcade game. A must-have.

19544 SHOVEIT.BXY
A colorful, brain-tickling GS game.

19444 MINEFIELD.BXY
Addicting Mine Sweeper GS game.

19318 LETTERSLIDE.BXY
Addicting Word/Strategy Puzzle game.

• – GAMES RUN ON 8-BIT APPLE IIs

GENIE'S COMPUTING ROUNDTABLES

Type Keyword or M### at any numbered GEnie page prompt.

RoundTable	Sysop Mail	Keyword	Page
IBM PC	IBM$	IBMPC	615
Windows	WIN$	WINDOWS	1335
Macintosh	DRACO	MAC	605
StarShip	STARSHIP$	AMIGA	555
Apple II	A2.HELP	A2	645
Atari ST	INFO$	ST	475
Atari 8-Bit	AT$	ATARI8	665
Commodore	FLAGSHIP$	CBM	625

GEnie MALL

SHOP & SAVE AT OVER 45 STORES!

LONG DISTANCE ROSES

SELECT LONG DISTANCE ROSES
(Dozen Roses, Gift-Boxed).....$39.95

PREMIUM LONG DISTANCE ROSES
(Dozen Roses, w/ Baby's Breath, Gift-Boxed)...$49.95

ELEGANT ROSE BOUQUET
(Dozen Roses, Baby's Breath, in Vase).....$95.00

FTD BOUQUETS .....$39.95 & UP

Price Includes Federal Express Overnight Delivery

▶Type **LDROSES**

BRAND NEW STORE

Fine Jewelry Outlet

FINE JEWELRY

DIRECT FROM THE MANUFACTURER!

SAVE on Watches, Bracelets, Rings, Earrings & More

MOTHERS' DAY GIFT IDEA:

- 1/2 CT of Diamonds: 14 kt Gold Heart holds these genuine Diamonds secure.
- 18" chain is sturdy woven 14 kt Gold! Compare at retail $700.00
- FJO Direct (Gift-boxed) ONLY $399!

▶Type **JEWELRY**

Direct *MICRO*

BLOCKBUSTER SPECIALS

BEST DATA "SMART ONE" MODEMS

14,400 Baud Data and Send/Receive Fax

- **IBM DOS: $209 external, $189 internal**
- **IBM Windows: $199 internal**

OTHERS AVAILABLE AT GREAT PRICES! MAC TOO!

▶Type **DIRECTMICRO**

SAVE ON OFFICE SUPPLIES

PENNY WISE

- **Bright Colored Computer Paper, 9.5" x 11", 50 Sht. ea./4 Colors.....$9.99**
- **Rolodex Electrodex Plus $134.39**
- **Surge Protector, 4 Outlet Wall Mounted, Noise Filter $54.29**
- **RECYCLED POST-IT NOTES, YELLOW, 100 SHEETS/PAD, 3" x 3" $0.95**

▶Type **PENNYWISE**

NOTEWORTHY MUSIC

SAVE on CDs! MAJOR UPDATE JUST COMPLETED! TONS OF NEW TITLES!

▶Type **NOTEWORTHY**

"Recommended."
Jerry Pournelle, Byte, July 1992

Inside Out

The Best Choice: SupraFAXModem

Inside or Out, now you can choose the hot-selling **SupraFAXModem** technology that best fits your computer. Either way, Supra can turn your PC into a communications powerhouse!

SupraFAXModems come in a wide range of models, from our budget-minded **SupraFAXModem** 24/96i to the fastest fax modem available: the **SupraFAXModem** V.32bis. Whichever model you choose, you will get Supra's proven technology and reputation for high-quality, reliable modems.

Supra modems are designed for novice and expert communicators alike. Whether you use DOS™, Windows™, or a Macintosh™, we've got a package for you — and our packages include everything you need. Plus our easy-to-follow Getting Started manuals will help you install your modem and start using it in just a few minutes! Imagine sending and receiving perfect faxes, exploring the world of on-line databases, or retrieving an important work file — all from the convenience of your desk. And advanced users will appreciate the error-correction and data-compression features that can save you money!

No matter what your needs, a Supra modem is your best choice. Call us today at **1-800-727-3658**, and find out why!

Supra Corporation

All trademarks belong to their respective companies. 7101 Supra Drive S.W., Albany, OR 97321 USA • 503-967-2410 • Fax: 503-967-2401